

DCATT

Electrical Systems Layout and Power

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Electrical Systems

- ◆ Actuator Electronics
- ◆ Deformable Mirror Electronics
- ◆ Optical Bench Electronics
- ◆ Executive Computer (Sun Workstation)

Power and Layout

- ◆ Uninterruptable Power Supplies (UPS) for Systems
- ◆ All Systems to be located on the Balcony in building 7
- ◆ 20 to 30 foot cables will be required
- ◆ Actuator Cables to be routed away from noise sources

Actuator Electronics

- ◆ continuous power to controllers is critical
- ◆ power interruption will result in loss of position data
- ◆ Rack Mounted UPS for both racks

Actuator Controller Layout

